

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051118

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G10L21/02 H04R3/00 H04R25/00 H03G5/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G10L H04R H03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/071573 A1 (FINN BRIAN M) 13 June 2002 (2002-06-13)  abstract paragraph '0008! paragraph '0071! - paragraph '0074!; figure 6 paragraph '0081! - paragraph '0087!; figures 9,10	1-6, 11-18, 23,24
A	US 2002/114474 A1 (FINN BRIAN M) 22 August 2002 (2002-08-22) the whole document	1, 14, 23, 24
A	US 2002/057808 A1 (GOLDSTEIN JULIUS L) 16 May 2002 (2002-05-16) abstract	7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

19 October 2004

Date of mailing of the international search report

27/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2002/015503 A1 (HOU ZEZHANG) 7 February 2002 (2002-02-07) cited in the application abstract</p> <p>-----</p>	<p>1, 14, 23, 24</p>

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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